



N<sup>o</sup> 15.

Journal kept in the B. *Telemachus*, Henry Elkins, master by  
Victor Blau first.

Voyage from Salem to Arabia & back.

Take a departure from Cape Ann (271). meet with the wreck of a  
vessel and pick up a bale of cotton (273). Make Trinidad & Martin's  
Islands, views of them (279). get soundings on Lagulla bank (285).  
Make the land of Africa (289). Observe the latitude of the entrance  
of Inhambar river  $23^{\circ} 41' S.$  whence Cape Correntes nearly  $26^{\circ} 0' S.$   
(page 289). come to anchor at the mouth of that river Inhambar,  
Set sail from thence, experience a southerly current (291). Various remarks  
on the sounding currents & come to anchor in the Mozambique (293).

Set sail from the Mozambique for Zanzibar (293). Current setting  
S.E. 1 &  $1\frac{1}{2}$  knots. (295). make Comora (295). Zanzibar (295). come to  
anchor in Pemba, remarks on its latitude & that of Zanzibar (297).  
Make Socotra (301) arrive at Macalla (301). Various magnetical  
observations on this passage (303).

Weighted anchor & set sail for America (303) pass under the lee  
of Socotra, make the Brothers (303) at noon observe in the latitude  $12.29^{\circ} S.$   
when the southern part of Socotra bore E.S.E. 3 leagues; the southern most  
brother South 4 or 5 leagues; the northern most S. S.W. 5 leagues & the  
white rock N. E. by N. 3 leagues. (303). remarks on the currents (305)  
make I. Rodriguez (307). Make the land & get soundings on the bank  
of Lagulla (311). Make St Helena (313). Ascension (315) get soundings on  
the coast & arrive at Salem (323). Various Magnetical Observations on  
this passage.

## N<sup>o</sup>. 16.

John Hodman's journal, in the Ship Two Brothers, from the Mediterranean to the Isle of France, & back.

Set sail from Gibraltar, make Cape Spartel (327).

Observe day-eclipse of the moon to determine the longitude (page 337) make Rodriguez (347) arrive at the I. of France (352). Many magnetic observations on this passage (347).

Set sail from the I. of France (349). Make obtain soundings on Laguille bank (353). Current in this track (353) various soundings (353, 355) get soundings abreast of the South Channel (367) Make Cape Ann (369)

Remarks on the climate of the Isle of France (370).

## N<sup>o</sup>. 17.

George Rose's journal, from Virginia to Martinico,  
From Hispaniola to Virginia,  
From Alexandria to Europe & back.

Set sail from Virginia (373). arrive at Jacquier (375 no 1) Latitude of St. Nicholas Mole  $19^{\circ} 50' N.$  set out for Virginia (377) make Heneage (377) recklin key. Observed the latitude of Bird Rock  $22^{\circ} 44' N.$  Make Crooked I. Watlings I. (377). Make Cape Henry (379) observe the latitude of New Point Comfort (379) an addition page 405.

Take a departure from Cape Henry for Lisbon (381). Make Cape Spichel observe its latitude  $38^{\circ} 22'$ , as also that of Lisbon  $38^{\circ} 42'$ . agreeing with books. (387). Come to anchor at Belem (387).

Set sail from Lisbon for Rochell (389) observe the latitude of Isle de Breis  $46^{\circ} 42'$ . which agrees with books.

Set sail from Isle de Re (391) make Baafty Head (391) and Calais (393). South. Farland lights (393).

## Journal, in the

From the Mediterranean towards  
the East Indies, in the Ship Two  
Brothers, John Holman Master kept  
by Mr Holman for the use of the

EAST INDIA MARINE SOCIETY.

At a Meeting of the EAST INDIA MARINE SOCIETY, at their Hall, on Wednesday evening, November 4, 1801, it was unanimously voted, That, in order to promote one great object of their institution, which was the acquiring of nautical knowledge, a Committee should be chosen to procure *BLANK JOURNALS* for the use of the Society; and that each Member bound to sea should be furnished with one of them, to be returned at the end of his voyage, with a regular diary of the winds, weather, and remarkable occurrences, during his voyage, arranged in such manner as the Committee should direct.

Conformable to the above vote, a Committee was chosen; who, having procured *JOURNALS* of the present form, request the Members to fill up the blanks according to the following

DIRECTIONS.

THE blank at the top is to be filled up with the names of the Master, and of the person keeping the Journal, the name of the ship, and the places nearest to the ship on the days given in that page. As for example: after passing the Cape de Verds, say, from the Cape de Verds towards the Cape of Good Hope.

In the 1st column of the Journal must be marked the day of the month; in the 2d, the course made good on that day; in the 3d, the distance sailed; in the 4th, the latitude at noon by account; in the 5th, the latitude by observation; in the 6th, the longitude by account; in the 7th, the longitude by observation reduced to noon by means of the log, or a time-keeper.

When the variation is observed, it is to be marked in the 10th column, the latitude and longitude in at the time of taking the observation being calculated from the observed latitude and longitude at noon by means of the log, and marked in the 8th and 9th columns. When the variation is observed both in the evening and morning of the same sea-day, the evening observation must be marked first; and it may be also noted whether the observation was by an azimuth or amplitude, by marking the former *az.* and the latter *am.*

The winds are to be marked in the 11th column, two or three times each day, placing them regularly beneath each other.

In the right hand column must be noted, the general state of the weather, winds, currents, bearings of capes, islands, &c. with their estimated distances, and any other remarks that may be useful to navigators.

When an opportunity offers to take any observations for determining the latitude or longitude of any remarkable place or point of land, it should be carefully attended to; and, for the satisfaction of those who may examine the Journals, it will be proper to give a detail of the observations. Thus, if the observation was taken for determining the latitude by the meridian altitude of the Sun, it would be proper to note the altitude of the Sun's lower limb, taken from the quadrant, his declination, and the bearing and distance of the place at the time of observation. Should the place not be in sight at the time of taking the meridian observation, it would be proper to note the course and distance made good by the ship, between the times of taking the meridian observation and observing the bearing of the land. A particular attention to observations of this kind will probably be the means of procuring a valuable collection of useful information. If the latitude or longitude observed should differ from any late books or charts, it would be proper to note it. In case any general remarks on the wind, weather, &c. experienced in the passages, should occur to the Journalist, he is requested to arrange them in the pages allotted for that purpose at the end of the Journal. A blank page is also assigned for an account of the coin, weights and measures of the several places touched at in the voyage; and it is hoped that care will be taken in acquiring information on these subjects. Any remarks on the commerce of the different places touched at in the voyage, with the imports, exports, and manner of transacting business, will be of public utility. Whatever is singular in the manners, customs, dress, ornaments, &c. of any people, is deserving of notice.

There should be collected, for the Museum, specimens of various kinds of vegetable substances, earths, minerals, ores, metals, volcanic substances, &c. There should also be preserved such parts of birds, insects, fish, &c. as serve most easily to distinguish them, and if no part can be preserved, a description of any that are remarkable may be given. Inquiry should be made for any remarkable books in use, among any of the eastern nations, with their subjects, dates and titles. Articles of the dress and ornaments of any nation, with the images and objects of religious devotion, should be procured.

July

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Journal, in the Ship Two Brothers Inv.

Date.	Courses.	Dist.	Latitude.		Longitude.		Variation.		
			Acc.	Obs.	Acc.	Obs.	Lat.	Long.	Varia.
1802									
18. July	188W	137	35° 50'	35° 54'	8° 37.0	8° 37.0	35.39	9.22	22.3
19	159W	138	34° 41'	34° 36'	11° 0.0	11° 0.0	35.11	10.10	19.20
20	118W	169	32° 54'	32° 42'	13.30	13.30	..	..	..
21	161W	176	31° 16'	31° 18'	16.32	16.32	..	..	..
22	193W	159	29° 1	28.52	17.45	17.45	31.2	17.9	18.25
23	133W	155	26° 33'	26.112	19° 19'	18.45.0	..	..	16.40
24	16W	168	23° 53'	23° 58'	19.37	19.37	24.30	19.32	15.52
25	87W	153	21° 22'	21° 21'	19.57	19.57	..	..	..
26	87W	124	19° 6	19° 8	20° 13	20° 13	18.45	20.11	02.14.33
27	158	74	17° 34'	17° 40'	20° 12	20° 12	..	..	02.13.48
28	138	66	16° 41'	16° 41'	19° 50W	19° 50W	17.10	20.5	02.13.52

Holman Master, from *Gibraltar* towards *Cape de Verds*

Winds.	Weather, Currents, Bearings of the Land, and Remarkable Occurrences.
Steady ESE	Weighted Anchor at <i>Gibraltar</i> at 1 P.M. with a fine Easterly breeze. — Under Convoy of the American Frigate <i>Chesapeake</i> blowing quite fresh at ESE 7 P.M. Cape Spartel bearing SSW. By Compass. — left the Frigate
E NE	The Wind more unsteady & inclining to the North, dark gloomy Weather. —
NE	" { Cape Spartel N 72° E 22° 6 Miles.
NE	Lat. Port Hawke S 70° W 28°
NNE	Good breezes throughout the day obscured by thick heavy clouds, passing slow to the Westwards, a high & very irregular sea, sappasa abcurrent setting to the North.
NE	Very Weather, — Steady breezes. —
NE	Steady Wind, from NE, thick heavy clouds.
NE	
NE	
NE	Still continues fine breezes, —
NE Bt	latter part the sea is much coloured, has the appearance of southerns
NE	The Water is very much col. has much the appearance of the shoal Water on the Great bank of Newfoundland.
NE	bounded with 110 fathams of line but no bottom.
NE	The sea still so much col. as yesterday,
NE	
NE	dark hazy Weather, smooth sea, — the Water is very thick & of a greenish cast, see a great number of small jellies of a foot colour. — bounded but no bottom.
	latter part the sea not col. —

# July and <sup>328</sup> August, 1802

## July & August Journal, in the Ship T. Brothers, Jr.

Date. 1802	Courses.	Dist.	Latitude.		Longitude.		Variation.		
			Acc.	Obs.	Acc.	Obs.	Lat.	Long.	Varia.
July 29 <sup>th</sup>	111 E	72	15.33	15.29	19.41		15.51	19.46	0
30 <sup>th</sup>	80 W	112	13.40	13.36	19.52	"	"	"	"
31 <sup>st</sup>	54 E	120	....	11.36	19.44	....	11.52	19.47	13.52
Aug 1 <sup>st</sup>	59 W	59	10.36	10.37	19.53 W	....	10.46	19.50	13.36
2	53 W	37	10.0	....	19.55	....	....	....	....
3	South	20	9.40	....	19.55	....	....	....	....
4 <sup>th</sup>	120 E	72	8.32	....	19.31	....	....	....	....
5 <sup>th</sup>	183 W	22	8.35	....	19.53	....	....	....	....
6 <sup>th</sup>	221 E	19	8.16	8.17 N	19.40				12.12
7 <sup>th</sup>	54 E	67	7.31	....	18.57	....	....	....	....
8 <sup>th</sup>	48 E	74	6.41		18.2	....	....	....	....

Holman Master, from Cape der Vords towards Cape Good Hope

Winds.

Weather, Currents, Bearings of the Land, and Remarkable Occurrences.

NE East	
NE NW	
North N NW NW	{ 6 P.M., Isle Mayo West 130 Miles " " Cape Verd. W.B.S. 154 "
NBW N NW NW Variable	The sky is obscured by a thick mist, something like fog. —
NE NW NW N NBE.	Very dark disagreeable weather, thick clouds, Clouds fixed with Motion;
all round the campass	The winds are quite light & all round the campass, sometimes calm
from SW to West	Continual squalls from the SW with rain sometimes blowing so hard that obliged me to close reef the topsails.
SW SW SW SWBS Unsteady	The most of the time in severe squalls from the SW with rain very disagreeable weather.
SWBS to SW SW Unsteady	Squalls & rain incessantly.
from SW to SW	Steady rain, & squally until the latter part.
SW	Steady breeze; Good Weather.
SW SSW	Smart breeze, Good weather.

# August (330) 1802

(say from Cape de Verds) Journal, in the Two Brothers, John Holman

Date. Aug 1802	Courses.	Dist.	Latitude.		Longitude.		Variation.		
			Acc.	Obs.	Acc.	Obs.	Lat.	Long.	Varia.
th 9	N 63 W	30	North	Storch	West	West	North	West	
10	S 79 W	58	6.39	6.39	18.29	...			
11	S 82 E	79	...	...	18.8	...	6.28	19.10	am 12.55
12	S 52 E	57	5.42	...	17.23	16.	5.46	17.20	am 15.
13	S 40 E	20	5.15	...	17.6	...	...	...	
th 14	S 48 W	18	5.3	5.4	17.19	...	5.8	16.57	pm 13.0
15	S 30 E	26	4.42	4.41	17.32	...	...	...	
th 16	S 66 E	25	4.32	4.31	17.9	...	4.38	17.50	am 14.0
17	S 53 E	73	3.47	3.47	16.11	...	4.35	17.25	am 12.30
18	N 60 W	22	4.10	4.9	17.38	...	4.0	16.28	am 13.
th 19	West	13	4.10	...	17.57	...	4.10	18.7	am 12.50

Master, from *Gibraltar* towards *Cape Good Hope*

Winds.	Weather, Currents, Bearings of the Land, and Remarkable Occurrences.
SW	See several flocks of birds.
SBW	
SBW	
South	Steady breezes and hazy weather,
SBW	
SW	Steady breezes from the SW; saw in C. with a
SBW	Spaniard ship 3 days.
SW	Steady breezes Hazy weather.
SW	Of the weather same moderate breezes
SWBS	
SW	clear and good weather, the breeze quite light. Next to
SWBS	a Calm.
SW	
SWBS	
SWBS	The Weather same with light breezes. here I
SW	find the variation differs two degrees between an Obs. in the
SBW	following evening, - See ships in sight all
SWBS	tended to the N.ward, - " " "
SW	" The weather hazy, -
SWBS	
SW	The wind still continued from SW to SBW
SWBS	with steady breezes, thick cloudy weather,
SBW	
SBW	
SW	
South	

# August

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## Journal, in the S.S. Brothers. John

Date.	Courses.	Dist.	Latitude.		Longitude.		Variation.			Winds
			Acc.	Obs.	Acc.	Obs.	Lat.	Long.	Varia.	
1802										
Aug 20	161W	35	3. 53	3. 48	18. 22					
21	1888	73	3. 55		17. 9					
22	183W	16	3. 42	3. 39	17. 7	16. 0				
23	159W	75		3. 0	18. 11		3. 33	17. 25	13. 0	am
24	1638	60	2. 33	2. 33	17. 17					
25	174W	67	2. 15	2. 15	18. 21					
26	163W	77	2. 38	2. 40	19. 34					
27	143W	57		0. 59	20. 13		1. 32	19. 46	11. 30	
28	121W	54	0. 15 N	0. 9 N	20. 32		0. 45	20. 13	11. 50	
29	141W	35	0. 20 S	0. 26 S	20. 34					
30	118W	42	1. 7	1. 7	20. 47		1. 6	20. 42	10. 0	

Herman Master, from

## Cape de Verde towards Cape G. Hope

Winds.

Weather, Currents, Bearings of the Land, and Remarkable Occurrences.

SBW South SBE SBW	Experienced a curr. setting to the North. the Weather as Yesterday.
SBW South	A Current setting to the North $\frac{1}{3}$ of a knot.
South SBW South SWBS.	constant trades blowing from the South, serene Weather
SSW SSW SBE	Small breezes and very hazy, sometimes obliging me to take in topg. mts & stufle half the topsails.
SBW South SBW	Steady breezes from the South. Good weather.
South SBW SBE	the same as Yesterday.
SE SEBS SE	Steady winds, now inclining to the East. a constant swell throughout from the SSE.
SE SEBE SE	The Eclipse of the Sun visible this morning
SEBS SE SEBE	Light breezes & serene weather sometimes inclining to Calm.
SE SEBS SE	The Weather clear & pleasant with pretty light breezes. Next to a Calm. - - difference between the variation in the morning & even 3. is then 3 degrees. Yet the ship has been near stationary

# August and September

1802

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Hobson Master, from Cape de Verd towards Cape Good Hope

Winds.	Weather, Currents, Bearings of the Land, and Remarkable Occurrences.
SEBS SE	Light breezes throughout,
SEBS SE	
SE SEBS SE	Steady wind but light, good weather.
SE	Steady SE Wind, the Weather very pleasant.
SEBS SE	
SE	
SE SEBS	Equally with Rain.
SEBS SE SE	Equally with Rain, then calm.
from SE to ESE	as Yesterday, a very high & irregular sea.
SE	Light Winds.
SE SEBS	

# September (336)

Journal, in the S. Brothers, S. Holman

Date.	Courses.	Dist.	Latitude.		Longitude.		Variation.			
			Acc.	Obs.	Acc.	Obs.	Lat.	Long.	Varia.	
18			South	South	West	West	South	West		
							15.34	26.51	Re 34.2	
11	127 <sup>W</sup>	66	15.79	15.49	27.6	25	15.8	26.35	Re 47	
							Red to Nor			
							by Eclips 26.1.0	15.49	27.1. Set 3.10	
12	128 <sup>W</sup>	43	16.21	16.27	27.27	26.10.0	*49			
13	937 <sup>W</sup>	75	17.25	17.29	28.14					
14.	124 <sup>W</sup>	95	18.51	18.56	28.55	27.27	19.17	27.35	Re 3.48 am 3.50	
15	121 <sup>W</sup>	97	20.29	20.27	29.31				Re	
							21.50	29.0	2.13	
							21.50	27.34		
16	915 <sup>E</sup>	108	22.11	22.10	29.0			Reduced 26.912	2.53	
17	119 <sup>E</sup>	117	23.29	23.57	28.17			23.39	28.35	Re 2.50
								Reduced 06.12	27.18.0	
18	138 <sup>E</sup>	115	25.16	25.30	27.1					
19	948 <sup>E</sup>	132	26.58	26.58	25.12	22.35				
20	145 <sup>E</sup>	93	28.3	28.7	23.30	21.18.0		27.11	24.55	Re 5.34
21	143 <sup>E</sup>	109	29.26	29.26	22.28	20.50				

Master, from *Cape de Verde* towards *Cape Good Hope*

Winds.	Weather, Currents, Bearings of the Land, and Remarkable Occurrences.
10th, E. Eclipse 3° at 9° 13'. 30" begin Greenwich 11° 11' 47" 1.44.30 This should be the 12th Sun A.M. 12.5° 0' End Greenwich 1.41.0 10.24.0" " d° Ship mean 1.35.30	about hours after noon over 06.3 and * Aquila; by Mr Bowditch's method agreeing within 9 Miles
From South 5E	
SE SE SEBS	
9E	Moderate breeze,
SE SEBE	Sometimes a little squally with fine rain
EBs.	
E NE EBs N	A Current has set me 28 miles more southerly than than P. de M. I. I suppose to the S.W. for which I allow a course.
E NE	A Current to the south.
NE NW NE Igually	
NE	Light breezes & clear.
East EBs N	The weather serene, with moderate breeze.

September and October - 1802

Journal, in the *J. J. Brothers, J. Holman*

Date.	Courses.	Dist.	Latitude.		Longitude.		Variation.		
			Acc.	Obs.	Acc.	Obs.	Lat.	Long.	Varia.
18									
			South	South	West	West			
22	1588	109	30.24		20.42				
23	1468	92	31.28	31.38	19.25				
24	1658	113	32.29	32.26	17.25		31.52	11.35	27.57
25	1598	135	33.36		15.7				
26	1578	131	34.48		12.54				
27	1758	143	35.25	35.11	10.6				
28	1748	155		35.53	7.3				
29	1758	167	36.46	36.36	3.9		Pos. 10 break for 3 days part	Indiff 13.0	ar 15.30
30	1818	110	37.0	36.53	0.53	West			
1	1578	90	36.17	36.12	0.26 East	2.20 East			
2	1838	87	36.21	36.21	2.128				

Master, from Cape de Verd : — towards Cape G. Hope.

Winds.	Weather, Currents, Bearings of the Land, and Remarkable Occurrences.
NE NNE	dark & Moiry Weather.
N West NW	Winds Variable, light, Squalls throughout, with fine rain.
NW NW	Moderate Breeze from the N.E. with frequent lightning. There was much dew fall during the Night, a Great Number of Fish caught to land.
NW West NW	a Number of Birds, particularly small flocks of a dove colour.
West NW NW	
NW NW	Wind from NW to W. a very large Suck from the S.W. very Squally with rain, a Great Number Birds still continues round the ship
NW NW	Steady breeze. a very large Suck from West, a considerable of Kelp, & likewise a dead seal,
W.W.	
same	Moderate breeze, good Weather.
SE S SE SE SE	Winds Variable, Moiry Weather, the birds that have constantly attended the ship for few days past, have now left us.
SE SE S South	Fish & Mussels part West & East, — day with light squalls & rain.

October 1802

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Journal, in the *J. T. B. J. Holman*

Date.	Courses.	Dist.	Latitude.		Longitude.		Variation.		
			Acc.	Obs.	Acc.	Obs.	Lat.	Long.	Varia.
18			South	South	East	East	South	East	
3	8878	16	36.26	36.16	3.58				
4	8858	75	36.24	36.22	5.31	7.42			
5	848	67	36.29	36.29	6.54				
6	9558	107	37.41	37.30	8.43		36.32	6.54 R.	21.9.20
7	1728	91	38.° 0	38.° 0	10.37	13.° 5		11.15 R.	13.43 P.
8	1898	138	38..16	37..57	13.32				06.12.09
9	8818	123	38..16	38..17	16.6		21.° 7. ded. from	06.12.09	
10	8858	180	38..1	38..1	19..53	22.19 E			
11	1718	163	37..32	37..9	24..21				
12	8858	118	36..59	36..59	25..25	Indif.	37..9	26.25 E	26.14 R.
13	1718	67	36..45	36..37	26..45	Indif.	36..49	28..16	28..29 E
							36..47	27..29 R.	27..12
								30..48	30..48

Master, from *Cape de Vido* towards *Cape G. Hope*

Winds.	Weather, Currents, Bearings of the Land, and Remarkable Occurrences.
SE to SSW	dark hazy Weather,
same	same as Yesterday
S to SSW	"
SWB. S. SW.	"
SW to W.W.	Wind Variable, sometimes 'ain, "
W.W. Variable	Cloudy, thick Clouds with a slow Motion passing from the S.W. There was a Current this day that set me 15 or 17 Miles to the North, —
W.W. WSW	Good Weather with moderate breezes,
W.W. to WSW	sometimes blowing strong Gale, & hazy, at other times would be very severe squalls attended with rain, directly after it would subside almost to a calm, — a very large tide from WSW
WB.N. WB.W. WB.E.	Inequality, Windy Variable at Curr. to the N.W. about 23 Miles.
WB.S. South	"
Light Variable W.W.	Light Winds in the Night. Next to a Calm. Early in the morn- ing calm, see several whale blps. very large flocks of small gulls, a Curr. to the North, 3 miles, —

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October 1802

Journal, in the *J. F. Brothers, J. Holman*

Date.	Courses.	Dist.	Latitude.		Longitude.		Variation.		
			Acc.	Obs.	Acc.	Obs.	Lat.	Long.	Varia.
1802			South	South	East	East of Greenwich	5.	E	az
14. 1728	179	37. 32	37. 32	36. 18			36.47	29. 29.8	10. 0. 2. 22
15. 1788	169	37. 27	37. 20	33. 49					
16. 1598	15	37. 8	36. 47	34. 59			37. 20	36. 23.0	22. 9. 36. 0. 2. 30. 12
17. 1638	19	..	37. 34	36. 18			36.47	34. 39.8	
18. 1888	117	37. 37			38. 44				
19. 1758	139	37. 8			41. 34				
20. 17828	89	36. 55			43. 24				
21. 1818	132	37. 16			46. 7				
22. 1588	62	37. 48			47. 13				
23. 1728	130	37. 5	37. 8	49. 48					
24. 1828	157	36. 43	36. 47	53. 2					

Master, from *Cape Good Hope* towards *Isle of France*

Winds.	Weather, Currents, Bearings of the Land, and Remarkable Occurrences.
NE N N E	
N N E S E	
S E S S E E E S E E E S E E E S E	moderate, sometimes calm, a current to the North South 21 fathoms, ... S S E East
E E B E E B E N E	First part the breeze was light from East towards the latter part it increased to a hard gale of Wind at N E,
N E N E	Blowing Strong Gales, very thick Weather, but no rain,
N E B E	Steady breeze, Not so strong as yesterday & rain throughout
N E N E B E	Thick cloudy Weather,
N E	Blowing a Hard Gale and Steady rain
N E B E South	first part an strong gales a. p. Col. at midnight the wind came in a sudden Squall from the south, we has Rain throughout,
S S E South	
S B W S W Variable	

October 31<sup>st</sup>, 1802

Journal, in the T. Brothers, S. Holman

Date.	Courses.	Dist.	Latitude.		Longitude.		Variation.		
			Acc.	Obs.	Acc.	Obs.	Lat.	Long.	Varia.
18 <sup>th</sup>									
25 <sup>th</sup>			South	South	East	East			
26 <sup>th</sup>	115	133	36. 33	36. 33	55. 37		36. 40	58. 53	23. 5
27 <sup>th</sup>	113	133	35. 17	35. 17	57. 55				22. 18
28 <sup>th</sup>	113	113			33. 39	59. 23			
29 <sup>th</sup>	105	30. 27	30. 28	61. 24					
30 <sup>th</sup>	114 <sup>0</sup>	111	28. 48	28. 37	61. 31				11. 42
31 <sup>st</sup>	124	36. 35	36. 37	60. 57					
Nov 1 <sup>st</sup>	62	25. 44	23. 38	60. 35	69. 25				
2 <sup>nd</sup>	27	24. 67	24. 57	60. 35	69. 35	25. 38	69. 35		11. 5
3 <sup>rd</sup>	155	22. 32	22. 33	59. 57			21. 57	69. 02	29. 12
4 <sup>th</sup>	169	20. 26	20. 26	57. 58	66. 20	20. 6	66. 25		25. 52

Master, from *Cape of Hope* towards *Isle of France*

Winds.	Weather, Currents, Bearings of the Land, and Remarkable Occurrences.
W N West	
N W N N W	
N W N E W N W B E N	Moderate breeze from N W. Foggy.
N W H N W B E N N E N W	same as Yesterday
N W B E N S W	
E e N E	Moderate & the same
	Light breeze from E S S E
Calms	These observations differs 6 degrees from the time deduced from last Obs. viz 10 Oct. & monthly by my dead reck'g this difference which is more than I can tell for must have made since I passed the Cape; I suspect it was partly owing to an easterly Current, but more so to the constant heave of a large sea
N W South S S E	and swell from the Westerly, — as for the log do there has been particular attention paid, it being haul every hour.

November.

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# Journal, in the *T. Baines, Holman*

Master, from the G. Slope towards Isle of France

Winds. Weather, Currents, Bearings of the Land, and Remarkable Occurrences.

SE  
calm

light  
SE

light trades Pleasant Weather,

Cast 8 P.M. by Ob; was in Long<sup>o</sup> 63, 28.0 at 1 AM  
made the Island of Diego Rais, the Eastern port bearing  
N.B.W. Compas, dis 4 Leagues, from time of Ob, I made 23 miles dep  
W, which makes Eastern End in 63, 10.0 E.  $\frac{1}{2}$

SEB S. to on Diego Rais E. of N. 175, Isle France Eastern P. W 103 miles

8 AM, see the Isle of France  
to the Westward, 8 or 9 Leagues dis  $\frac{1}{2}$

Came to Anchor at Port Lewis 4 P.M.

December <sup>348</sup> 1802.

Journal, in the S.S. Brothers. J. Holman

Date, 1802	Courses.	Dist.	Latitude.		Longitude.		Variation.		
			Acc.	Obs.	Acc.	Obs.	Lat.	Long.	Varia.
			South	ditto	East	East			
11	S 67 W	13 miles	West from Port Lewis						
12	S 18 W	58	21. 6. 8.	in	57. 11. 6.	in			
13	S 18 W	64	22. 7	22. 1	56. 41	in			
14	S 23 W	92	23. 7	23. 11	56. 11		22. 41	56. 58	
15	S 32 W	41	23. 46	"	55. 47		23. 40	55. 47	
16	S 33 W	124	25. 3e		54. 34				
17	S 47 W	156	27. 34	"	52. 49				
18	S 48 W	170	29. 28	in	50. 26				
19	<sup>th</sup> S 62 W	123	30. 25	30. 21	48. 0				
20	S 64 W	97	30. 54	31. 4	46. 19. 47. 30				
21	S 54 W	129	32. 20	32. 20	44. 17	45. 50	31. 24	46. 0	

Master, from Isle France towards Cape Good Hope

Winds.	Weather, Currents, Bearings of the Land, and Remarkable Occurrences.
	Left 8 Am Proceeded from Port Louis, with light breeze & Clear Weather at Mer. Day 12th Dec in Port bore N 67° E 13 Miles. —
NE	
ESE	Light breezes inclining to Calm
SE	
NE	— same. — —
NEW	Sometimes Calm
W.	
Variable	Fine rain throughout. —
ESE	Thick Weather with rain. —
ESE	Stormy Weather, with rain throughout
SSE	Stormy with rain, a very large sea from
SSE	<del>SSW</del>
SW.	
SSE	Still Continues stormy Weather until towards the latter part: then it cleared off with fine Weather & moderate breezes from SSE. —
SSE	
SSE	

350  
December 1802

Journal, in the S. Rockies, I. Holme

Date. 1802	Courses.	Dist.	Latitude.		Longitude.		Variation.		
			Acc.	Obs.	Acc.	Obs.	Lat.	Long.	Varia.
			South	East	East	East	South	East	
21									
22	SE2W 165	33.38	33.40	41.23			32.35	43.52	28.16
23	SE8W 115	34.23			39.14				
24	SW6W 58	34.9			38.6				
25	W18 15		34.38	35.22					
26	SW7E 30	34.58	34.58	38.58			34.44	38.20	27.20
27	W4W 111	35.8	35.29	36.49			34.58	37.58	27.28
28	SW4W 113	35.40	"	34.30					
29	South 10	35.37	35.42	34.30	31.32	35.40	34.30		27.30
30	SW7W 28	35.36	35.31		30.14				
31	SW0W 93	35.60	35.47		28.9	35.47	27.50		27.47

Master, from Isle France towards Cape G. Hope

Winds.	Weather, Currents, Bearings of the Land, and Remarkable Occurrences.
NE NNE	
SSE	Thick Rainy Weather, ending in a Head
WSW	Gale from the N. S. W. which obliged me to have the Under a Cap Spinnaker, —
WNE	Continues to blow a hard Gale from the SW
SW	Constant rain until the latter part, —
SW.	Heavily, sometimes Calm, —
WSW	Fair Post Calm
NE	A Southern current of 21 Miles
NNE	
	Calm, in
West WSW	
ENE	Post Calm.

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January 1803

Journal, in the Ship *S. Brothers*, John

Date. 1803	Courses.	Dist.	Latitude.		Longitude.		Variation.		
			Acc.	Obs.	Acc.	Obs.	Lat.	Long.	Varia.
			South	South E	East				
Jan <sup>st</sup> 1	182 N 67	35.54	35.56	26.46					
2	174.7 N 30	35.35	35.35	26.19 26. 0	35.36	26.46	26.12		
3	182 N 50	35.28		25. 0					
4	176 W 56 35.30	35.44	23. 53						
5	136 W 37 36. 14			23. 26			23.44	27.0	26.30
6	160 E 28 36. 0	36. 0	23. 56						
7	177 W 13 35.40	36. 3	23. 40 21. 46						
8	169 W 67 35.37	36. 28	20. 29				21.46	25.40	
9	172.8 W 28 35.54	36. 3	20. 14				20.40	25.2	25.30
10	178 N 30 35.33	35.33	20. 9 19. 55				19.55	20.10	25.56
							19.33	20.10	25.60
							19.33	19.40	25.30
11	176 W 47	35.30	19. 38						

Holman Master, from The Isle France towards the Cap. Good Hope

Winds.	Weather, Currents, Bearings of the Land, and Remarkable Occurrences.
Calm	Long of Rock S. of this day connected from Yesterday Ob:
NE	
Light Calm, Var. Airs	Light breezes Next to a calm, from 8 P.M. until Midnight Constant Lightning & heavy Thunder
All round the compass	Long connected from Yesterday Ob:
Light & Variable	All winds are from SW to NW. E.
West NWN WBS.	came on a Moderate breeze but Variable, a very large swell from the West, at Midnight it came on quite fresh & the latter Part it blew a Head Gale from NW, how too Under a Head S. Side
NW	Still continues a head Gale from the NW a large & very dangerous sea. . . . it Moderate the latter part
Calm, " " "	Calm Weather, Water descoloured, sounded with 150 fathom No bottom. . . . 23 Miles Southern Current Strong Rips of Tide or curr.
West.	51 Miles these 24 Hours the Current has set me to the South, I have allowed as much to the West, very strong Rips of a Current the whole time, Water descol. sounded often with 170 fath. of line Holton
NWSW NW	Very fair Weather, light Wind Next to a Calm, Not much Appearance of a curr these 24 Hours, The Water Not much descol? — See a great many small fish jump out of Water
NWBW Calm	The Water Not Much descol, 8 P.M. in Lat 35, 33. S. Sounded & had 63 fathom of fine grey sand, it then was Calm & contin. so throughout, at Midnight by an Ob: of S* & C Aldabaren My Log, was 1. 10, 44 E in time 19. 56, in the Morning Caught a Number of Codfish, their was a Drift of curr to the E
SE	After making S* Miles West, from Noon 8 P.M. had 55 fathom yellow shells on Lat 35, 33, then I suppose Cape Agulhas to bear N* of Camps, 49 Miles, After that very light airs from the West, then West 7 P.M. 4 P.M. more had 57 fath. gravel & shells, 13 Leagues more, had 80 fath. green sand & plenty of fish
NWBW Var. & West	when it is calm I observe a curr. setting to the NE in this case about 1/2 knot. — since my Log is 45 f. I have been far by a Westerly curr 280 Miles.

January 1803 <sup>23</sup>

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Journal, in the *L. F. Brothers, Feltman*

Date.	Courses.	Dist.	Latitude.		Longitude.		Variation.		
			Acc.	Obs.	Acc.	Obs.	Lat.	Long.	Varia.
1803									
12	864 E	13	35.43	35.36	19.57	.	.	.	.
13	149 E	9	35.40	35.38	20.2	.	.	.	.
14	824 E	47	36.21	36.21	20.25	.	35.45	20.15	Am 25.30
15	943 W	41	36.55	36.57	19.50	.	36.30	20.25	Am 26.10
16	150 W	88	35.58	35.54	18.27	19.20	.	.	.
17	188 W	112	35.50	35.50	17.21	17.06	Am 22.42	Am 22.57	Am 22.48
18	158 W	181	34.25	34.16	13.56	14.33	35.90	15.30	Am 23.10
19	144 W	137	32.44	32.37	12.3	12.25	33.55	14.10	Am 23.10
20	145 W	101	31.26	31.26	11.1	.	32.6	10.50	.
21	139 W	94	30.20	30.13	9.57	.	31.14	9.26	Am 29.50
22	145 W	134	28.30	28.38	8.2	.	.	.	.

Master, from ~~the~~ France towards Cape Good Hope

Winds.	Weather, Currents, Bearings of the Land, and Remarkable Occurrences.
Off West. NW S W "Var."	8 P.M. Lat <sup>o</sup> 35.41, <sup>15</sup> Gray Gravel & Pieces from Shells, etc. had; L. 35.50 same depth. 8 AM same in L. 35.45, Light Airs from the West & very Pleasant, a small Current to the ENE, 1/2 Knot.
Very light Airs. West W 3/4 S	8 AM 80 f. Green Daze 35.38, Lat <sup>o</sup>
Light Westerly from the West, W NW W W S W	Light Winds N W Oblique, Lat <sup>o</sup> 36.0 had 80 f. has bottom fine gravel and 36.14-90 f. same, Lat <sup>o</sup> 36.57-95 f. fine gray sand, at 36.21 had 110 f. after that made a course S Oblique 8 Miles sounded with 170 f. of fine gravel. According to the plan of the bank & concurred. My Land at Mid to be 20,25 E during the time I was on the bank a Current of 1/2 Knot setting to the ESE if compass.
W N E " "	Light breezes from the West & Var. with a large swell from S W appearance of a current.
W N E South	a very stony head beach sea.
SE S S E	a Current to the North 14 Miles
SE S S E	Moderate Gales & Heat. Current to the N. 7 miles.
South	
S S W West	
S S E	

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January 1803

Journal, in the J. T. Brothas, J. Holman

Date. 1803	Courses.	Dist.	Latitude.		Longitude.		Variation.		
			Acc.	Obs.	Acc.	Obs.	Lat.	Long.	Varia.
			South	South	East	East			
23	N 18 W	164		26. 48	5. 46		28. 18.	7. 20	22. 9. 60 Am 19. 50
24	N 42 W	165	24. 46	24. 46	3. 44				
25	N 42 W	174	22. 37		1. 36				
26	N 49 W	122	21. 21	21. 17	0. 3 West				
			since 8 <sup>h</sup> 16 <sup>m</sup> 3 <sup>s</sup>		2. 52 W				
27	N 51 W	116	20. 5	20. 4	1. 38 W	3. 49 W			
28	N 51 W	108	18. 56	18. 55	5. 17	5. 10	19. 30	3. 52	37. 16
			mean 18. 56				—	—	37. 0
29	N 52 W	97	17. 58	17. 56	6. 30		18. 50	5. 20	37. 5
30	N 42 W	115	16. 28	16. 31	4. 60				
31	N 46 W	125	15. 4		9. 23		16. 13	8. 6	22. 58
Feb 1	N 48 W	101	13. 56	13. 56	10. 40				Am 15. 0
	N 49 W	88	12. 58	12. 59	11. 48		14. 56	9. 38	02. 14. 68
									Am 14. 31
							13. 38	10. 58	02. 14. 36

Master, from The Cape Good Hope towards St. Helena.

Winds.	Weather, Currents, Bearings of the Land, and Remarkable Occurrences.
SE	Cloudy & fine rain. —
SW	thick misty Weather,
SE	trisk Trade, cloudy with rain,
SE SW	Cloudy, light squalls
SE	Moderate breeze, —
SE from ESE to South	fine rain at times, breeze light & unsteady
SE E ESE	Light winds & —
SE E	Moderate.
SE ESE ESE	Moderate
	it is generally clear until midnight, after that it clouds up with fine rain till 8 or 9 O'Clock in the morning. Wind varying from S.E. to E.W.N. —
	"

February 1803

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## Journal, in the

Date.	Courses.	Dist.	Latitude.		Longitude.		Variation.		
			Acc.	Obs.	Acc.	Obs.	Lat.	Long.	Varia.
18/03			Southeast	~ 11 ~	West	Westerly	South	West	az 14.36
30/03/04/06	90	11.58	12.1	13.0	13.25	12.61	12.5	Amp 14.30	
			PR 3rd	line bearing 38° 3:25					Amp 14.16
40/04/05/06	105	10.47	10.47	14.40	14.50	11.62	13.50	22.14.18	
50/04/08/06	109	9.34	9.34	16.1			10.27	15.100	13.15
60/05/06	84	8.34	8.41	17.4			9.14	16.21	Amp 12.14
70/05/06	105	7.42	7.40	18.33			8.23	17.25	az 12.29
80/04/05/06	130	6.8		20.6			7.20	18.53	Amp 12.29
90/04/05/06	118	4.45	4.40	21.29			5.20	20.26	az 12.29
100/04/05/06	102	3.22	3.28	22.41			1.20	21.49	az 12.29
110/05/06	82	2.18	2.36	23.44			3.10	23.2	Amp 12.29
120/05/06	91	1.43	1.46	25.0			1.28	25.20	az 12.29
130/04/06	105	0.36	0.36	26.13			0.11	26.33	az 12.29

Master, from St. Helena towards.

Salem

## Winds.

## Weather, Currents, Bearings of the Land, and Remarkable Occurrences.

SE moderate breezes and good weather,

SE风 and light breezes

"

"

"

"

SE Current to the south 18 Miles.  
SE Moderate breezes.

SE

February <sup>360</sup> 1803

Journal, in the

Date.	Courses.	Dist.	Latitude.		Longitude.		Variation.		
			Acc.	Obs.	Acc.	Obs.	Lat.	Long.	Varia.
1803									
11c1406	90	0.39	0.39	27.11					
15c1496	64	1.21	1.21	27.59					
16c1396	70	2.13	2.15	28.43	28.45				
17c1396	60	3.1	—	29.23	—	2.24	28.53	6.36	
18c1526	80	3.50	4.1	30.12	30.10	—	—		
19c1666	42	4.29	4.33	31.18	—				
20c1576	88	5.28	5.21	32.32					
21c1576	89	6.9	—	33.47					
22c1576	120	7.25		35.21					
23c148	140	8.59	9.6	37.6					
24c1436	144	10.50	10.57	38.46					

Master, from *S. Helena* towards *Salem*

Winds.	Weather, Currents, Bearings of the Land, and Remarkable Occurrences.
SE	
NE	Lowry thick weather with light breezes
Var.	Wind Variable & fine Rain.
ENE	
SE	
NE	
SW	In a large flock of birds
South	
Light & Variable	
Same	
Variable	
Var.	
NE	Squally and Rainy
NE	
NE	Appearance of a curr?

# February and <sup>March</sup> 1803

## Journal, in the Two Brothers J. Holman

Date.	Courses.	Dist.	Latitude.		Longitude.		Variation.			Winds
			Acc.	Obs.	Acc.	Obs.	Lat.	Long.	Varia.	
1803			North	North	West	West				
25 Feb	131	12, 25	12, 22	40, 22			11, 10	39, 6	West 02, 10	
26 Feb	118	13. 58			41. 32		12, 36	40, 37	02, 16 am 1, 10	
27 Feb	96	15, 18	15, 11	42. 37	46. 22	15, 25	46. 25		02, 22 am 1, 20	
28 Feb	103	16. 29	16. 30	47. 29						
Mar 1	85	17. 31	17. 29	48. 33			16. 46	47. 29	02, 0, 50	
Mar 2	62	18. 8	18. -	49. 30			17. 41	48. 33	am 1, 25	
Mar 3	112	19. 7	19. 9	51. 2			18. 10	49. 40	am 1, 25	
Mar 4	138	20. 56	20. 53	52, 38						
Mar 5	150	22. 36	22. 38	54, 33			22. 12	53, 58	0. 59	
Mar 6	86	23. 35	23. 38	55. 40			22, 54	52, 57	0, 18	
Mar 7	60	24. 23		56. 26			23. 54	53, 50	0, 34	

Master, from *Terre-Neuve* towards *Salem*

Winds.	Weather, Currents, Bearings of the Land, and Remarkable Occurrences.
NE	Appearance of a Cur.
	Strong Rappings of Current
ENE	
NE	
NE	
NNE	
NNE	
NNE	
NNE	
Light & Variable	
Same	

March 364 1803

Journal, in the T. Brothers J. Holman

Date.	Courses.	Dist.	Latitude.		Longitude.		Variation.		
			Acc.	Obs.	Acc.	Obs.	Lat.	Long.	Varia.
1803			North	Nord	West	West	N	W	W.C.
	80 N 32 W 41	21.57	21.57	56.49					
	90 N 48 W 108	26.12	26.12	58.17			25.20	57.2 Am	12.35
								Or 3.4	
	100 N 48 W 53	26.48		59.0			26.25	58.32 Am	3.0
	110 N 42 W 56	27.11	27.30	59.43			26.58	59.10 Am	2.52
	120 N 62 W 98	28.16		61.22					
	130 N 58 W 108	29.14	29.18	63.4			28.30	61.42 Am	1.00
	140 N 82 W 91	29.31		64.47			29.25	62.24 Am	2.
								Or 1.0	
	150 N 60 W 79	30.4	30.10	66.6			29.95	63.7 Am	1.10
								East	
	160 N 53 W 79	30.47	30.58	67.19	67.8		30.41	66.26 Am	0.25
								Or 0.0	
	170 N 46 W 9	31.7	31.7	67.10			30.58	67.8 Am	0.14
								East	
	180 N 22 W 108	32.45	32.47	67.58	67.41	31.25	67.25 Am	0.86	Or 0.0

Master, from

## Sedrina towards Salina

Winds.	Weather, Currents, Bearings of the Land, and Remarkable Occurrences.
W NW N NE	Squally & rain, —
NE Bt N	
NE ESE WSE	
Variable, Squally & rain	
N NNE NE	
NE N NW Bt N	
NNE NE	
NNE NE	
NNE NE	
NNE NE	Light breezes, sometimes calm

(366)  
March 1803

Journal, in the *Two Brothers, Jr.*

Date.	Courses.	Dist.	Latitude.		Longitude.		Variation.		
			Acc.	Obs.	Acc.	Obs.	Lat.	Long.	Varia.
1803									
19 <sup>th</sup> 1803	106	34. 31	34. 41	68. 5					
20 <sup>th</sup> 1803	93	34. 0	36. 10	68. 39					
21 <sup>st</sup> 1803	34	36. 56	36. 42	69. 16					
22 <sup>nd</sup> 1803	15	36. 28	36. 29	69. 7					
23 <sup>rd</sup> 1803	75	37. 39		69. 38			36. 20	69. 7	<sup>avg 2.0</sup>
24 <sup>th</sup> 1803	54	38. 49	38. 33	69. 30					
25 <sup>th</sup> 1803	74	39. 43	39. 41	68. 57					
26 <sup>th</sup> 1803	64		40. 19		68. 40	39. 50	69. -5. 35		*
27 <sup>th</sup> 1803	95	51. 50	51. 54	68. 35					
28 <sup>th</sup> 1803	14	42. 4	42. 3	68. 22					
29 <sup>th</sup> 1803	18		42. 20	68. 12					

Master, from St. Helena towards Salem

Winds.	Weather, Currents, Bearings of the Land, and Remarkable Occurrences.
NE West NNE	
ESE NE	Thick rainy Weather the latter Part & blowing a hard Gale, we
Variable	Cross 14 Miles South
	Spoke with a Brig. 14 days from the West Indies bound to Boston, our Longitude differs 27 Miles
NE NNE SE	Thick Weather with lightning & Thunder water very warm, supposed in the Gulf. Latter Part of heavy Gale
S to NW	Water disc, —
WNE	Water disc?
	At tide before Noon in Lat <sup>o</sup> 40. 15 S & by an Ob: 68. 40 W rounded 40 fathoms, suppose to be a break South Channel.
	2 Am 38 fa; white sand & black shucks, 42° 37 fa; white & yellow 7° 15° 35 fa; coarse white sand & bottom shells, 8° 19° 40°; coarse black & white sand 9° 18° 48°; white sand with black & yellow stones, 10° 45°; red sand soon after no bottom with 90 fa; drops off 500 Post George, at the the Western Part shoal break 500 85 22 Miles dis

March. April 1803 <sup>308</sup>

*Journal, in the Ship S. Brothers, J. Holman*

Master, from *S<sup>t</sup> Helena* towards *Salem*

Winds.

Weather, Currents, Bearings of the Land, and Remarkable Occurrences.

4 P.M. has 60 fathoms; soundings 6 P.M. 118 fathoms; made  
4 A.M. 115 fathoms. I suppose soundings at 6 P.M.  
was on south side of Banks — From the Cape Ann to  
the Harbor at Moon Cape about West  
8 or 9 Miles —

## Journal, in the

Master, from

towards

Winds.

*Weather, Currents, Bearings of the Land, and Remarkable Occurrences.*

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during my stay in the Isle France; which was  
from 11 November Until 11 December, it being  
the season for Rains and Hurricanes, the Weather  
was remarkably fine; in general the Sky was serene  
and a steady breeze continued to blow from the ENE  
(except from 4 to 6 O'Clock in the Morning) then  
it was Calm, — the Inhabitants say that the bad  
weather formerly experienced becoming more Mild  
every year, they say it is owing to Clearing and Cul-  
= tivating the Land; — the Violent Storms that formerly  
caus'd so much dread are now scarcely felt. —

J. C. 3

### A G T A R I A

No. 17

**Journal**

From *Sundry places* - - - - - to *Sundry places*  
 in the *Brig Sackey Geo. Cooper* - - - - - Master:  
 kept by *Geo. Cooper* - - - - - for the use of the  
**EAST INDIA MARINE SOCIETY.**

**A**T a Meeting of the **EAST INDIA MARINE SOCIETY**, at their Hall, on Wednesday evening, November 4, 1801, it was unanimously voted, That, in order to promote one great object of their institution, which was the acquiring of nautical knowledge, a Committee should be chosen to procure **BLANK JOURNALS** for the use of the Society; and that each Member bound to sea should be furnished with one of them, to be returned at the end of his voyage, with a regular diary of the winds, weather, and remarkable occurrences, during his voyage, arranged in such manner as the Committee should direct.

Conformable to the above vote, a Committee was chosen; who, having procured **JOURNALS** of the present form, request the Members to fill up the blanks according to the following

**DIRECTIONS.**

THE blank at the top is to be filled up with the names of the Master, and of the person keeping the Journal, the name of the ship, and the places nearest to the ship on the days given in that page. As for example: after passing the Cape de Verds, say, from the Cape de Verds towards the Cape of Good Hope.

In the 1st column of the Journal must be marked the day of the month; in the 2d, the course made good on that day; in the 3d, the distance sailed; in the 4th, the latitude at noon by account; in the 5th, the latitude by observation; in the 6th, the longitude by account; in the 7th, the longitude by observation reduced to noon by means of the log, or a time-keeper.

When the variation is observed, it is to be marked in the 10th column, the latitude and longitude in at the time of taking the observation being calculated from the observed latitude and longitude at noon by means of the log, and marked in the 8th and 9th columns. When the variation is observed both in the evening and morning of the same sea-day, the evening observation must be marked first; and it may be also noted whether the observation was by an azimuth or amplitude, by marking the former *az.* and the latter *am.*

The winds are to be marked in the 11th column, two or three times each day, placing them regularly beneath each other.

In the right hand column must be noted, the general state of the weather, winds, currents, bearings of capes, islands, &c. with their estimated distances, and any other remarks that may be useful to navigators.

When an opportunity offers to take any observations for determining the latitude or longitude of any remarkable place or point of land, it should be carefully attended to; and, for the satisfaction of those who may examine the Journals, it will be proper to give a detail of the observations. Thus, if the observation was taken for determining the latitude by the meridian altitude of the Sun, it would be proper to note the altitude of the Sun's lower limb, taken from the quadrant, his declination, and the bearing and distance of the place at the time of observation. Should the place not be in sight at the time of taking the meridian observation, it would be proper to note the course and distance made good by the ship, between the times of taking the meridian observation and observing the bearing of the land. A particular attention to observations of this kind will probably be the means of procuring a valuable collection of useful information. If the latitude or longitude observed should differ from any late books or charts, it would be proper to note it. In case any general remarks on the wind, weather, &c. experienced in the passages, should occur to the Journalist, he is requested to arrange them in the pages allotted for that purpose at the end of the Journal. A blank page is also assigned for an account of the coin, weights and measures of the several places touched at in the voyage; and it is hoped that care will be taken in acquiring information on these subjects. Any remarks on the commerce of the different places touched at in the voyage, with the imports, exports, and manner of transacting business, will be of public utility. Whatever is singular in the manners, customs, dress, ornaments, &c. of any people, is deserving of notice.

There should be collected, for the Museum, specimens of various kinds of vegetable substances, earths, minerals, ores, metals, volcanic substances, &c. There should also be preserved such parts of birds, insects, fish, &c. as serve most easily to distinguish them, and if no part can be preserved, a description of any that are remarkable may be given. Inquiry should be made for any remarkable books in use, among any of the eastern nations, with their subjects, dates and titles. Articles of the dress and ornaments of any nation, with the images and objects of religious devotion, should be procured.

